



Steve Zelditch
Johns Hopkins



Michael Hill
University of Virginia



Ngo Bao Chau
Université Paris-Sud

CDM 2009

November 20-21

Harvard University

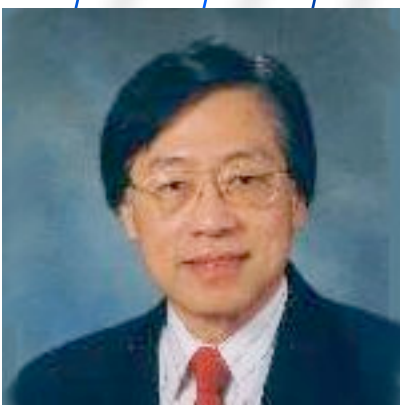
Organized by:

**David Jerison, Richard Stanley,
and Thomas Mrowka** ([MIT](#))

**Barry Mazur, Wilfried Schmid,
and Shing-Tung Yau** ([Harvard](#))



Bálint Virág
University of Toronto



Andrew C. Yao
Tsinghua University



Ovidiu Savin
Columbia University



Douglas Ravenel
University of Rochester **Ovidiu Savin**

Friday November 20, 2009

14:00-14:50	Ngo Bau Chau	Report on the fundamental lemma I
15:05-15:55	Ngo Bau Chau	Report on the fundamental lemma II
16:10-17:00	Andrew C Yao	The mathematics of communication complexity I
17:15-18:05	Andrew C Yao	The mathematics of communication complexity II

19:00 Banquet at Royal East Restaurant, Cambridge

Saturday November 21, 2009

09:00-09:50	Steve Zelditch	Recent results in quantum ergodicity (I)
10:05-10:55	Steve Zelditch	Recent results in quantum ergodicity (II)
11:10-12:00	Ovidiu Savin	Phase transitions, minimal surfaces and De Giorgi's conjecture (I)

12:00-13:30 Break

13:30-14:20	Ovidiu Savin	Phase transitions, minimal surfaces and De Giorgi's conjecture (II)
14:35-15:25	Balint Virag	Continuum limits of random matrices (I)
15:40-16:30	Balint Virag	Continuum limits of random matrices (II)
16:40-17:30	Douglas Ravenel	The Arf-Kervaire invariant problem in algebraic topology
17:40-18:30	Michael Hill	The Arf-Kervaire invariant problem in algebraic topology (II)

Science Center Lecture Hall C